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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 8836-115 (IB8154-US)

First Inventor or Application Identifier PARK

Title AN APPARATUS FOR REMOVING ECHO FROM

Express Mail Label No. EL433928448US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (a.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 19]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
4. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting Inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

***NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			or <input type="checkbox"/> Correspondence address below	
Name	Frank Chau				
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Name (Print/Type)	Frank Chau	Registration No. (Attorney/Agent)	34,136
Signature			
Date	10/7/99		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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A
PATENT APPLICATION

Atty. Docket No. 8836-115 (IB8154-US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents
Washington, D.C. 20231

UTILITY APPLICATION FEE TRANSMITTAL

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Tae-San PARK

For: AN APPARATUS FOR REMOVING ECHO FROM SPEECH
SIGNALS WITH VARIABLE RATE

Enclosed are:

- [X] 14 page(s) of specification
[X] 1 page(s) of Abstract
[X] 4 page(s) of claims
[X] 6 sheets of drawings [X] formal [] informal
[X] 2 page(s) of Declaration and Power of Attorney
[X] An Assignment of the invention to:
Samsung Electronics Co., Ltd.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date October 7, 1999 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL433928448US addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Frank Chau
(Type or print name of person mailing paper)

Frank Chau
(Signature of person mailing paper)

[] This application claims the benefit under 35 U.S.C.
§119(e) of U.S. Provisional Application(s) No(s)..:

APPLICATION NO(S).:

FILING DATE

____ / _____

____ / _____

[X] Certified copy of applications

<u>Country</u>	<u>Appln. No.</u>	<u>Filed</u>
Korea	98-42803	13 October 1998

from which priority under Title 35 United States Code, § 119
is claimed

[X] is enclosed.

[] will follow.

CALCULATION OF UTILITY APPLICATION FEE

For	Number Filed	Number Extra	Rate	Basic Fee
Total				\$ 760.00
Claims*	13	-20 = 0	x \$ 18.00	\$ 0.00
Independent				
Claims	4	-3 = 1	x \$ 78.00	\$ 78.00
Multiple	[] yes	Add'l. Fee	\$260.00	\$
Dependent				
Claims	[X] no	Add'l. Fee	None	= \$
				TOTAL \$838.00

[] Verified Statement of "Small Entity" Status Under 37
C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f)
(50% of total) paid herewith \$ _____.

*Includes all independent and single dependent claims and all claims referred to in multiple claims.
See 37 C.F.R. § 1.75(c).

- A check in the amount of \$40.00 is enclosed for recording the attached Assignment.
- A check in the amount of \$838.00 to cover the filing fee is attached.
- Charge fee to Deposit Account No. 50-0679. Order No. 50-0679. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.
- Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 50-0679. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-0679 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: October 7, 1999



SIGNATURE OF ATTORNEY
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